Rule 53(b) Continuation
of Serial No. 08/674,491

Please amend claims 1, 7, 13, 14, 17, 22, 23, 25 and 29 as follows:

1. (Amended) An input device for providing user controlled inputs, comprising:

a strip of [touch sensitive] touch-sensitive material sensitive to a range of pressure values, said strip having a substantially constant width and a length which is at least twice said width; and

an interface, connecting said strip to a computer and responsive to human contact with said strip in order to transpose the position and pressure value of said contact into a data signal [indicting the position of said contact along the length of said strip] and to output said data signal.

7. (Amended) A keyboard having an integrated touch input device, said keyboard comprising;

a housing supporting a plurality of keys, said housing having a top face [side], a bottom face [side], and left and right edges [sides]; and

a first linear touch input device for providing user controlled inputs, said linear touch input device located adjacent to at least one of said left and right edges on said top face and comprising:

a strip of touch sensitive material, said strip having a substantially constant width and a length which is at least twice said width; and

an interface, connecting said strip to a computer and responsive to human contact with said strip in order to transpose the position of said contact into a data signal indicating the position of said contact along the length of said strip and to output said data signal.

13. (Amended) A keyboard according to claim 12, wherein said strip of touch sensitive material is located on the top [side] face of said housing and said touch keys or buttons are located on at least one of said left [side] edge and said right edge of said housing.

14. (Amended) A keyboard according to claim 12, wherein said strip of touch sensitive material is located on the top [side] face of said housing and said touch keys or buttons are located on the bottom [side] face of said housing.

17. (Amended) A keyboard according to claim 7, further comprising a second linear touch input device and wherein said first linear input device is located at or near said left [side]

edge of the keyboard and said second linear touch input device is located at [onr] or near said right [side] edge of the keyboard.

22. (Amended) A computer system comprising:

a computer bus;

a linear touch input device for providing user controlled inputs to said bus, said liner touch input device comprising:

a strip of touch sensitive material, said strip having a substantially constant width and a length which is at least twice said width, and

an interface, connecting said strip to said computer bus and responsive to human contact with said strip in order to transpose the position of said contact into an input data signal indicating the position of said contact along the length of said strip and to output said data signal to said computer bus; and

a processor configured to receive the input data signal from said linear touch input device and process information in accordance with said input data signal; and

a keyboard having a plurality of alphanumeric keys and outputting a keyboard signal indicating the selection of said alphanumeric keys by a user, said linear touch input device being integrated with said keyboard, and said processor performs

processing of display data in response to said keyboard signal and said input data signal from said linear touch input device.

23. (Amended) A computer system according to claim 22, wherein said computer system further comprises a display arranged to display [an] said image display data under the control of said processor and said processor controls said image display data in accordance with said input data signal.

25. (Amended) A computer system according to claim [24] 22, wherein said image display data represents a text document and said computer system [further comprises a keyboard having a plurality of alphanumeric keys and outputting a keyboard signal indicating the selection of said alphanumeric keys by a user, said linear touch input device being integrated with said keyboard, and said processor operates in accordance with programming stored on a computer readable storage medium to perform] performs processing of [a] said text document in accordance with said keyboard signal and [to control a] display of said text document in accordance with said input data signal from said linear touch input device.

29. (Amended) A computer program product for implementing a method for providing user controlled inputs to a computer comprising:

a computer readable memory medium[:]; and

a computer program including

a routine for, in response to human contact of a strip of touch sensitive material by hand, converting the position of said contact into a data signal indicating the position of said contact along the length of said strip; and

a routine for outputting said data signal to a bus of said computer, wherein said computer comprises a keyboard having a plurality of alphanumeric keys and outputting a keyboard signal indicating the selection of said alphanumeric keys by a user, said strip being integrated with said keyboard, and said processor performs processing of display data in accordance with said keyboard signal and said input data signal from said strip.

Please add new claims 35-42 as follows:

-- 35. A keyboard according to claim 7, wherein said linear touch sensitive material has a longitudinal direction and said longitudinal direction is substantially parallel to at least one said left and right edges.--

-- 36. A keyboard according to claim 17 wherein said second linear touch input device used in conjunction with said first linear touch input device for generating a two-dimensional input signal.--

-- 37. A keyboard according to claim 11, wherein selection of said touch keys or buttons modifies a granularity of movement controlled by said strip of touch sensitive material.--

-- 38. An input device according to claim 1 further comprising a second strip of touch sensitive material, wherein said first and a second strips of touch sensitive material control input in one dimension.--

-- 39. An input device according to claim 38 wherein said first and second strips of touch sensitive material in combination control two-dimensional input.--

-- 40. An input device according to claim 38 wherein one of said first and second touch sensitive input strips controls granularity of the other of said first and second touch sensitive input strips.--

-- 41. An input device according to claim 38 further comprising at least one key that when activated simultaneous to activation of either touch sensitive input strip controls granularity of input.--